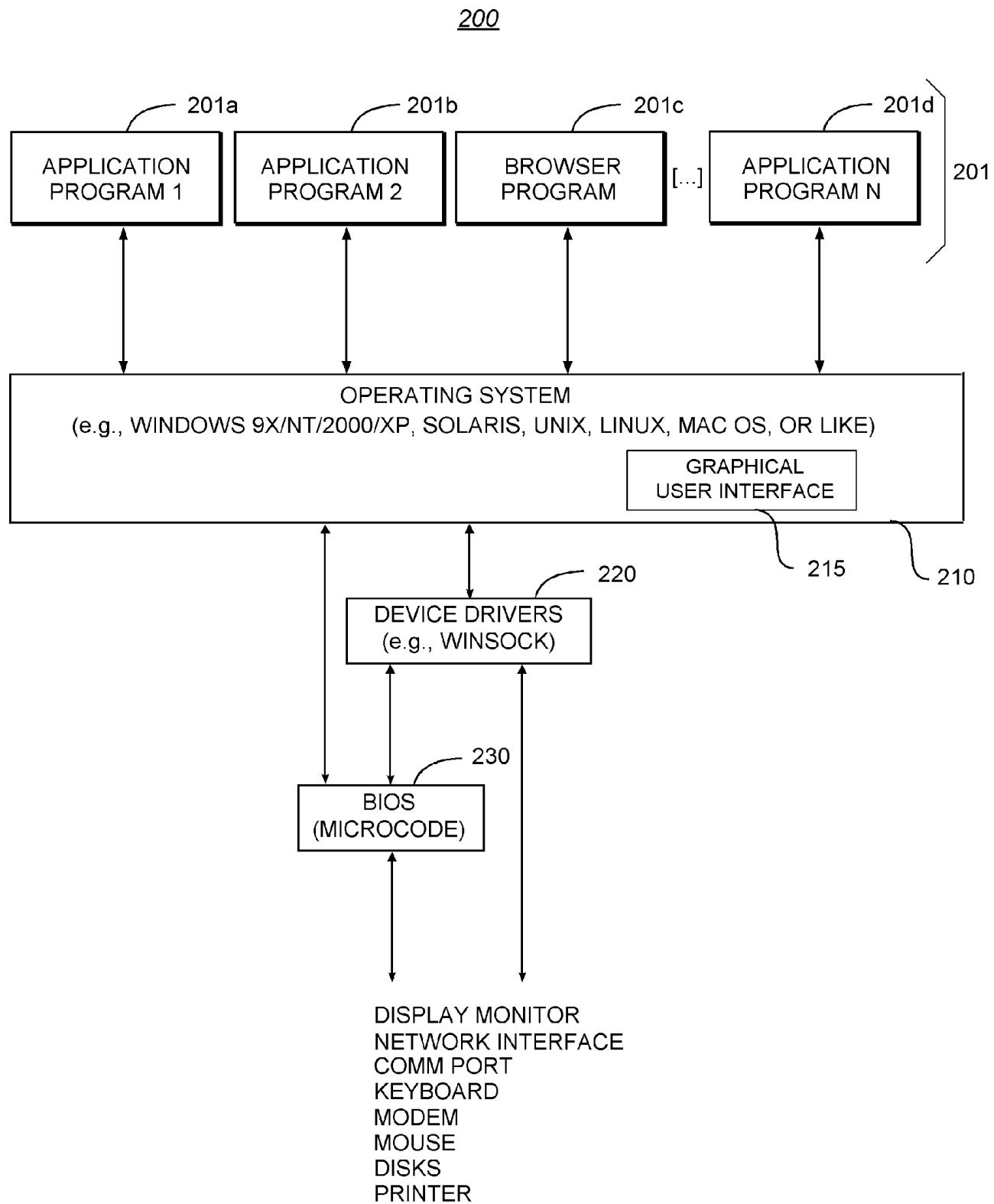


FIG. 1
(PRIOR ART)

**FIG. 2**

300

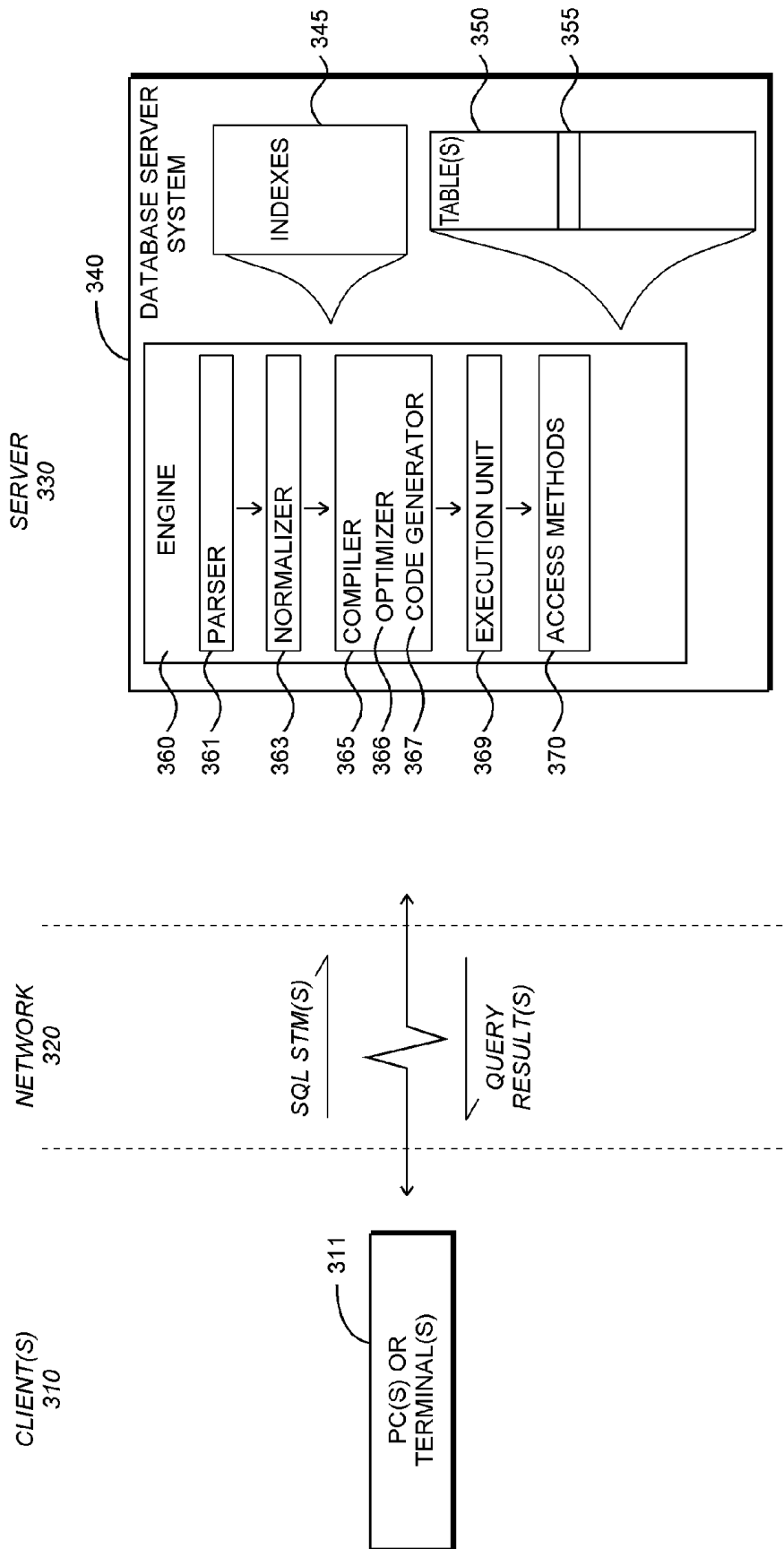
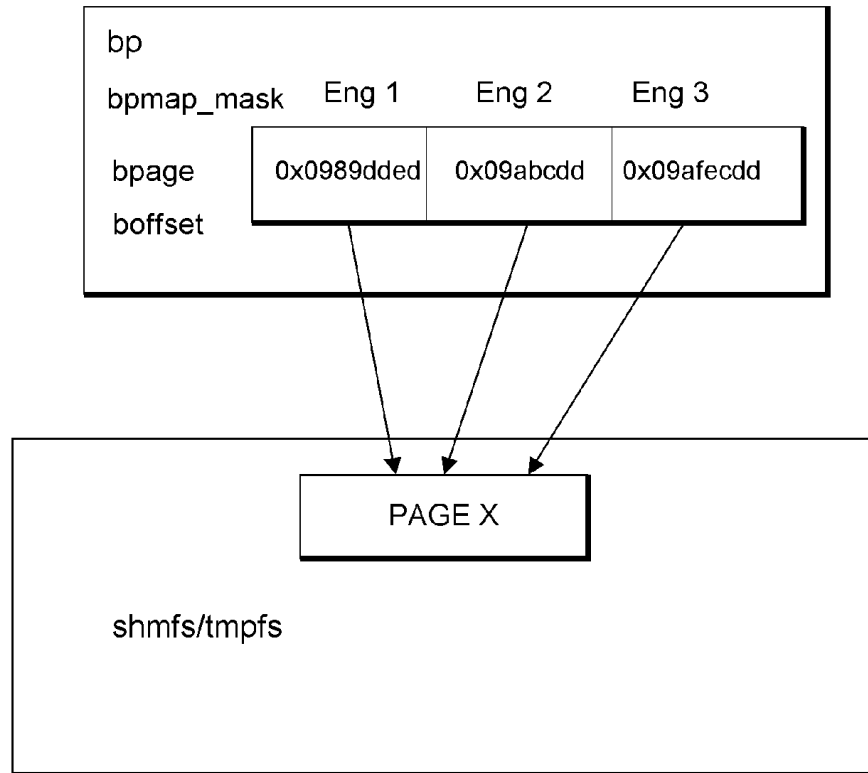
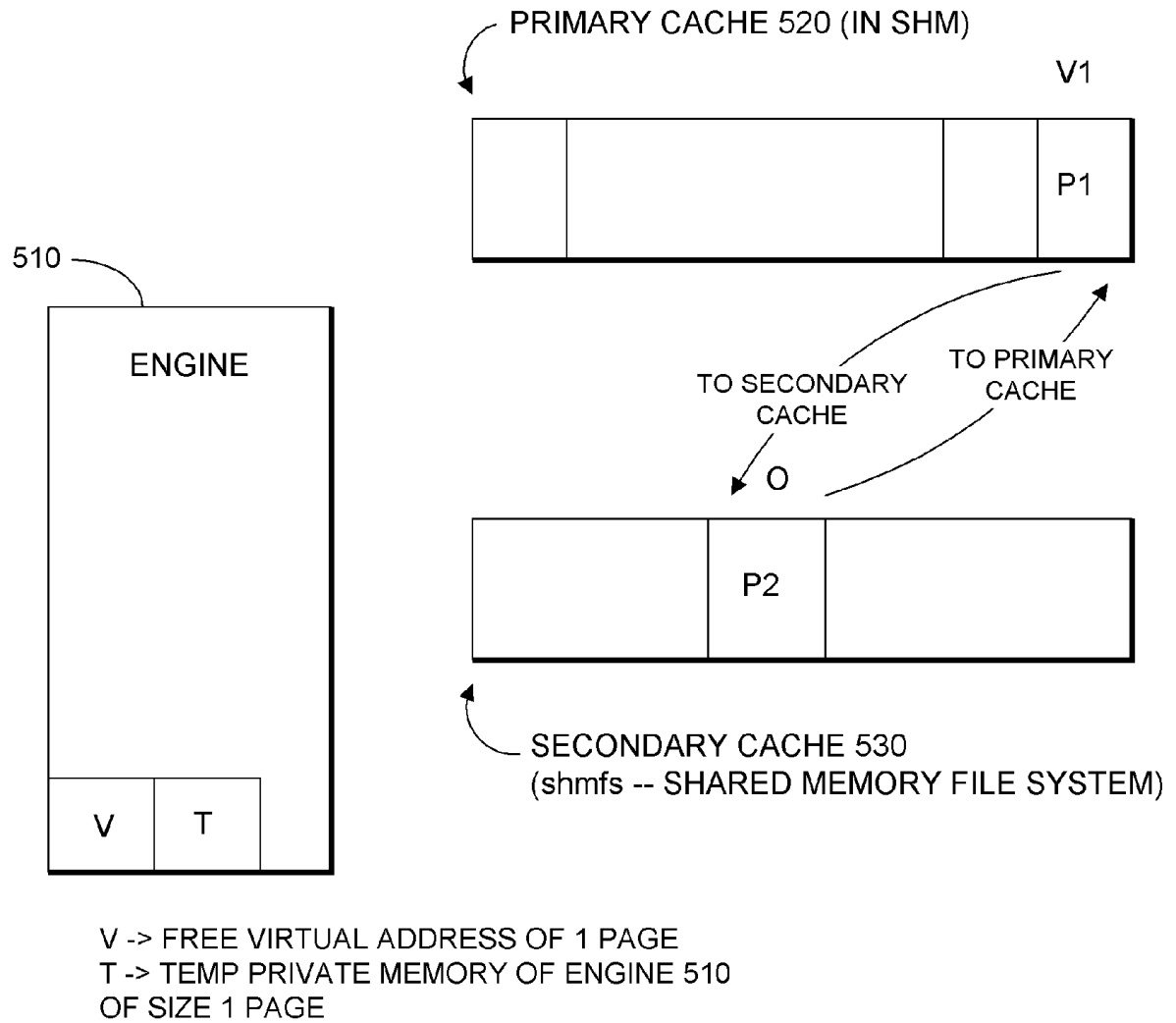
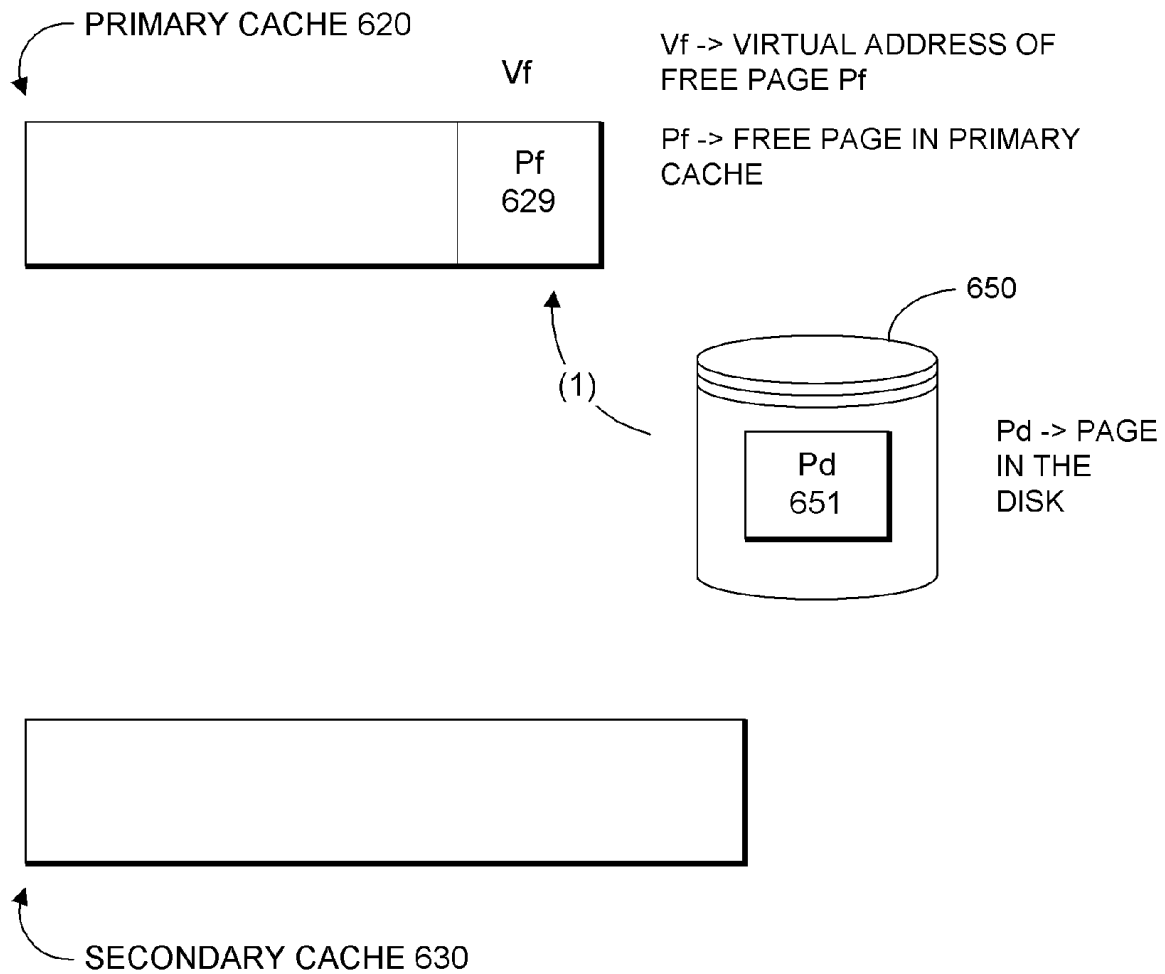
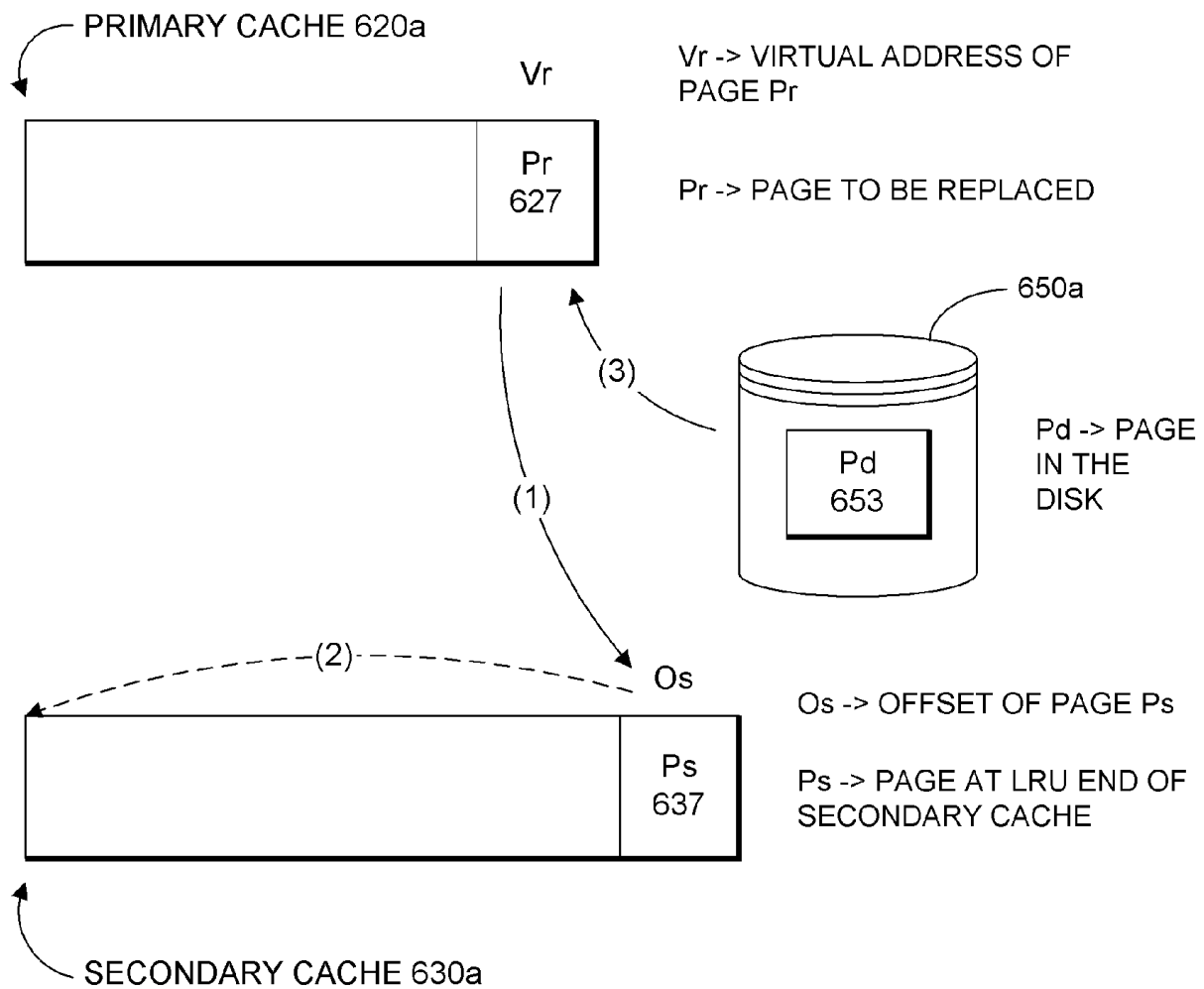


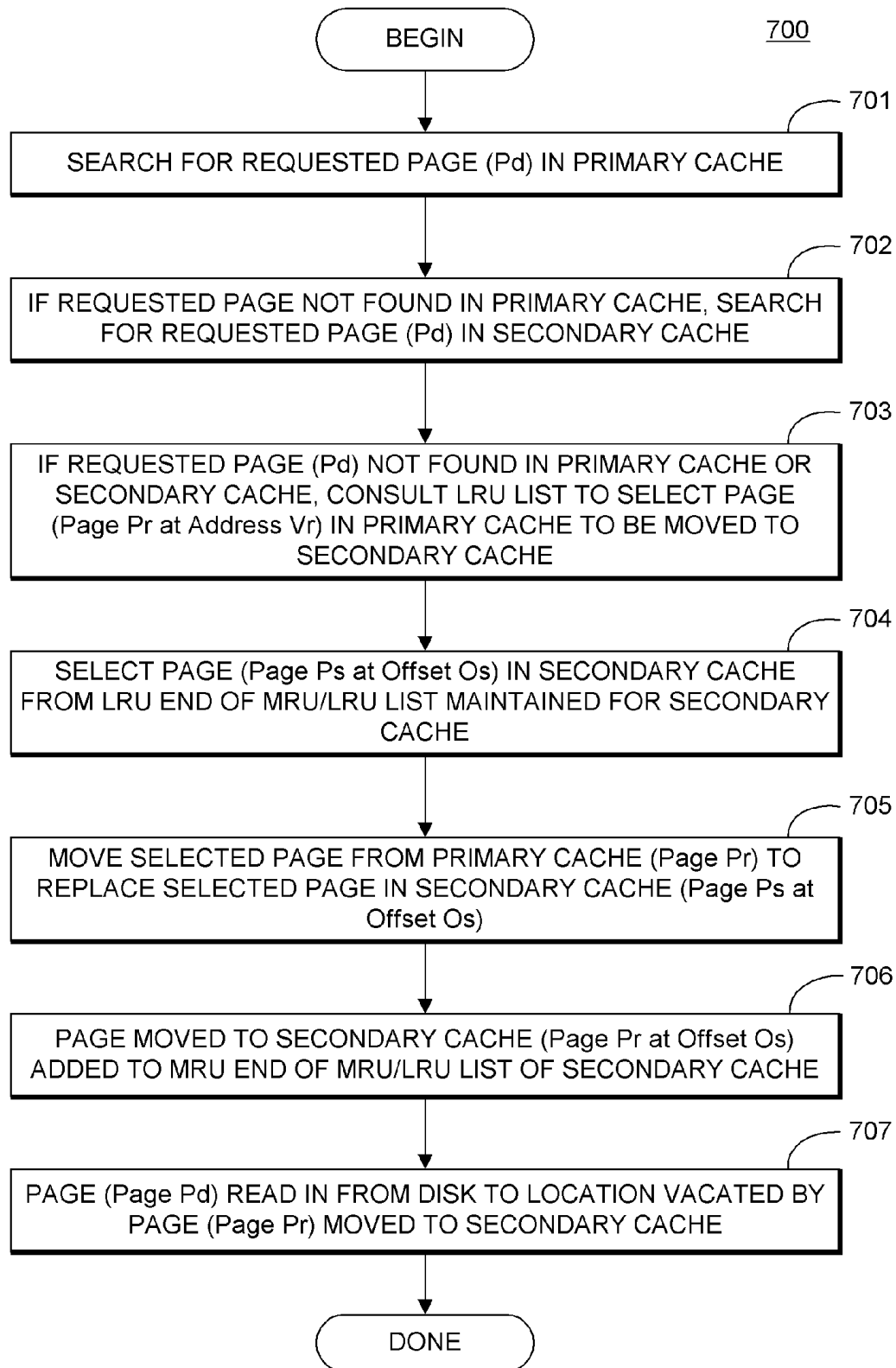
FIG. 3

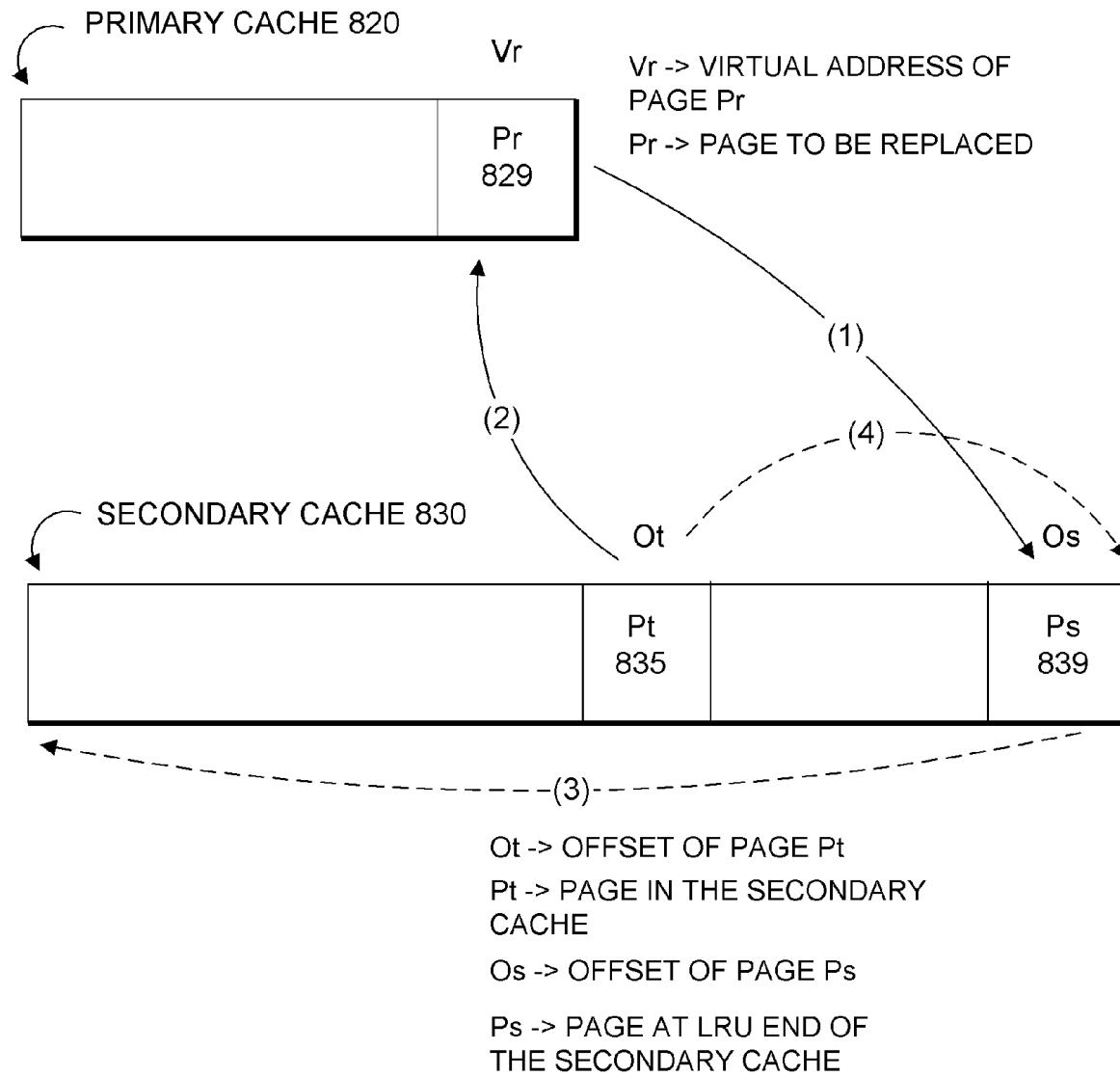
*FIG. 4*

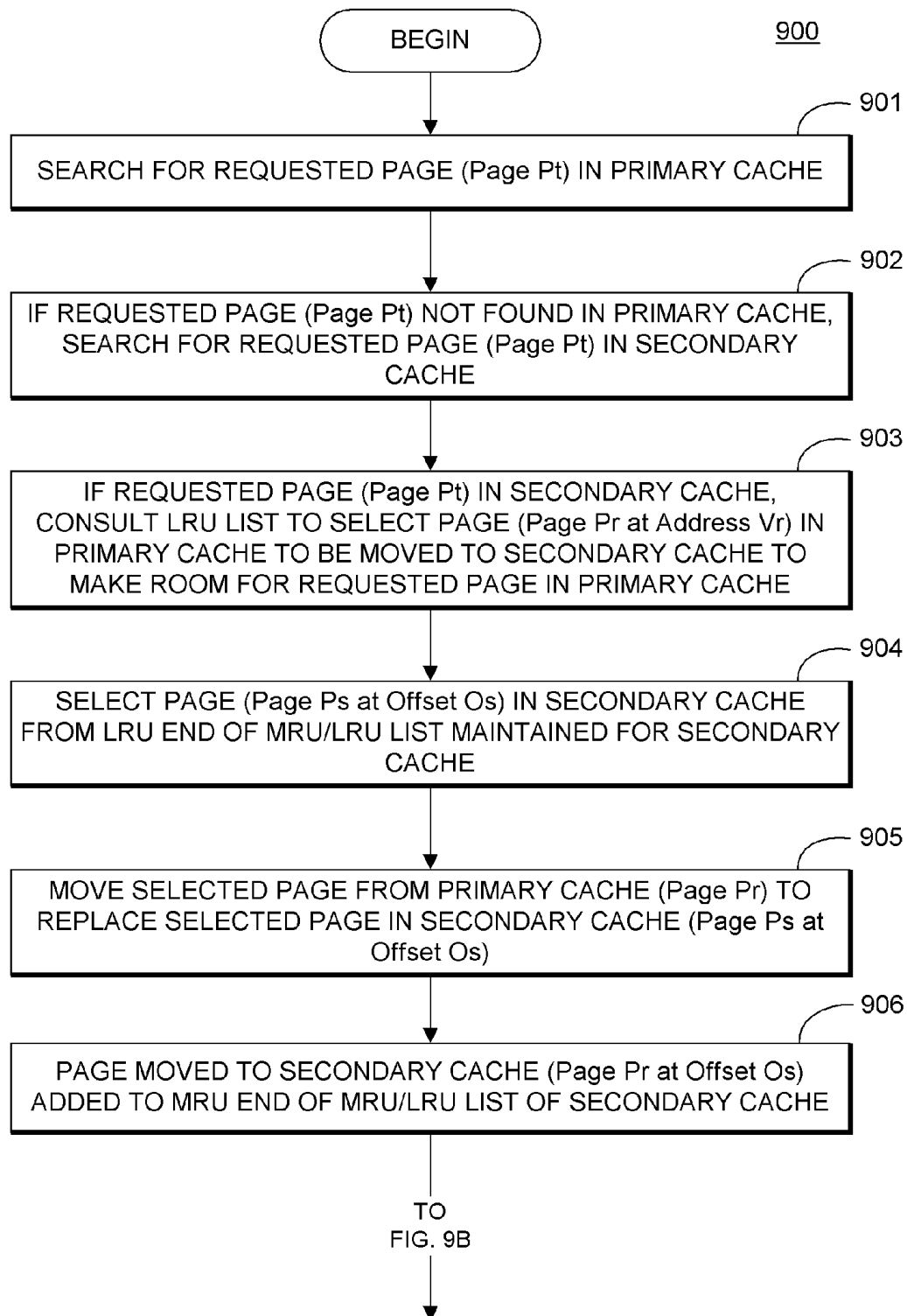
**FIG. 5**

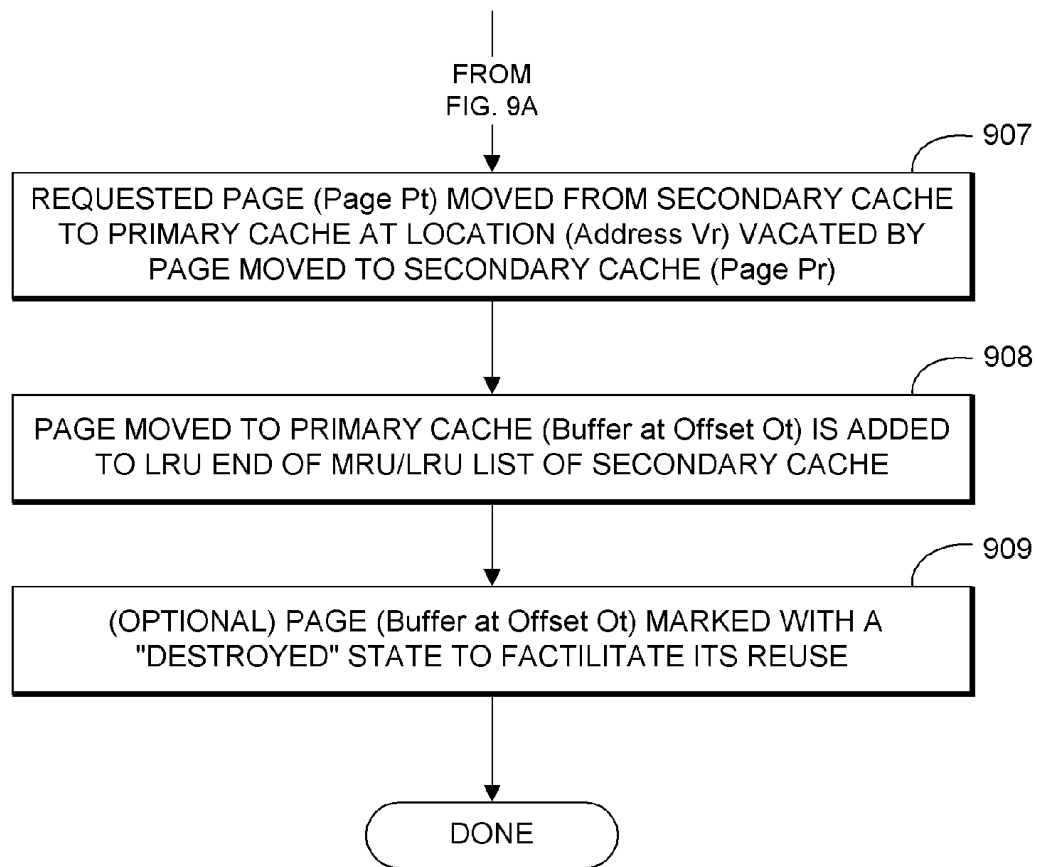
COLD READ FROM DISK**FIG. 6A**

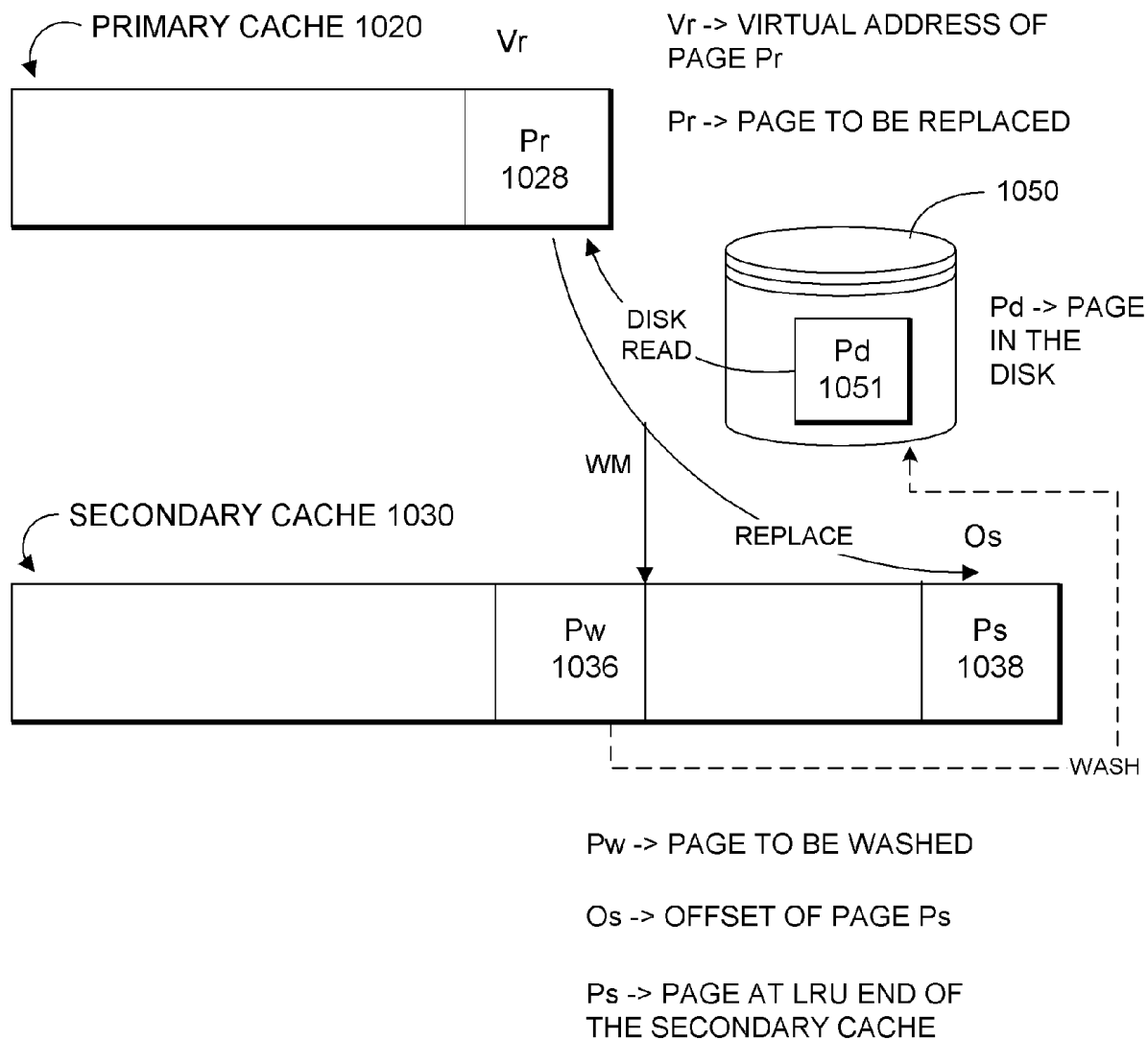
WARM READ FROM DISK**FIG. 6B**

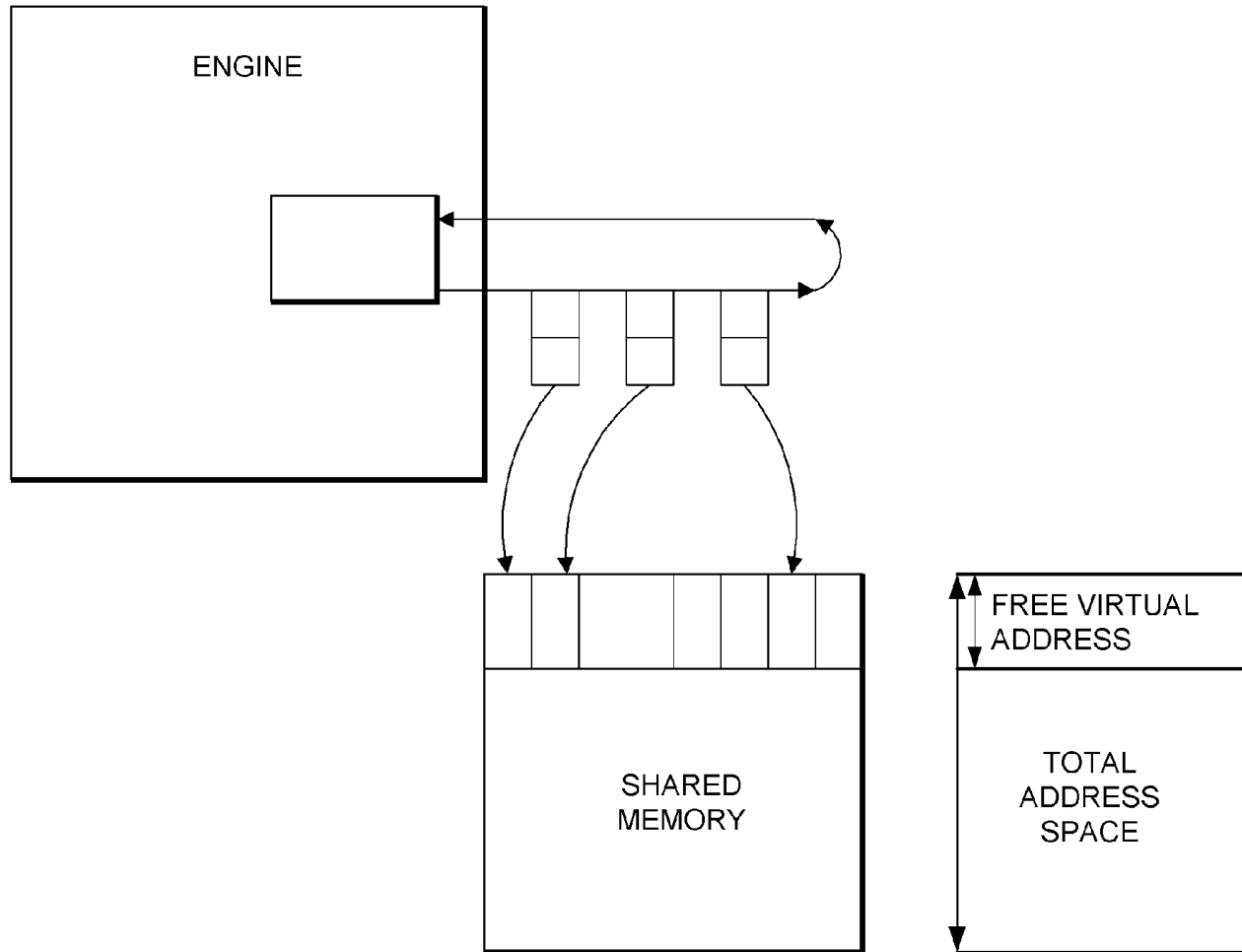
**FIG. 7**

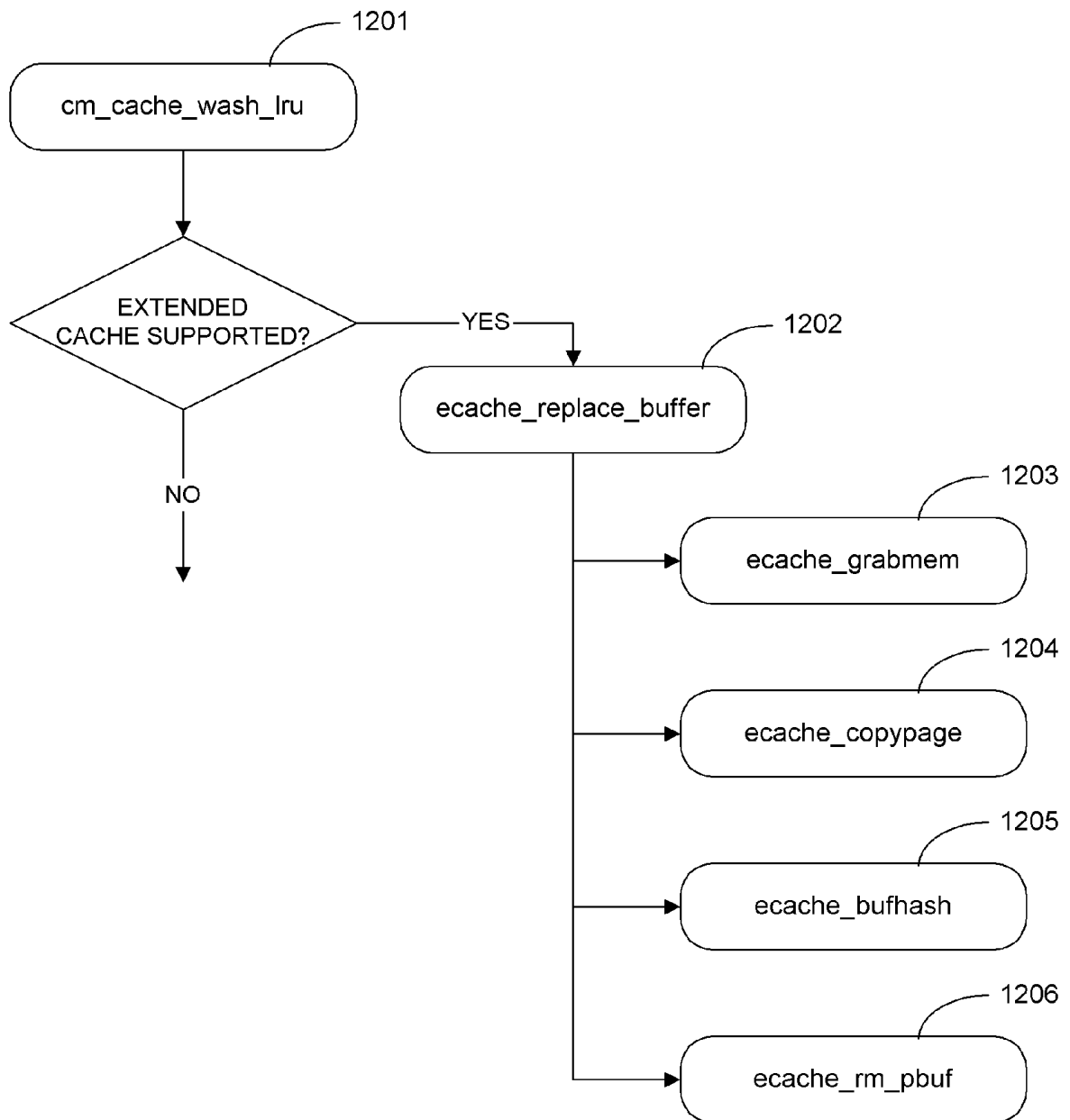
SECONDARY CACHE HIT**FIG. 8**

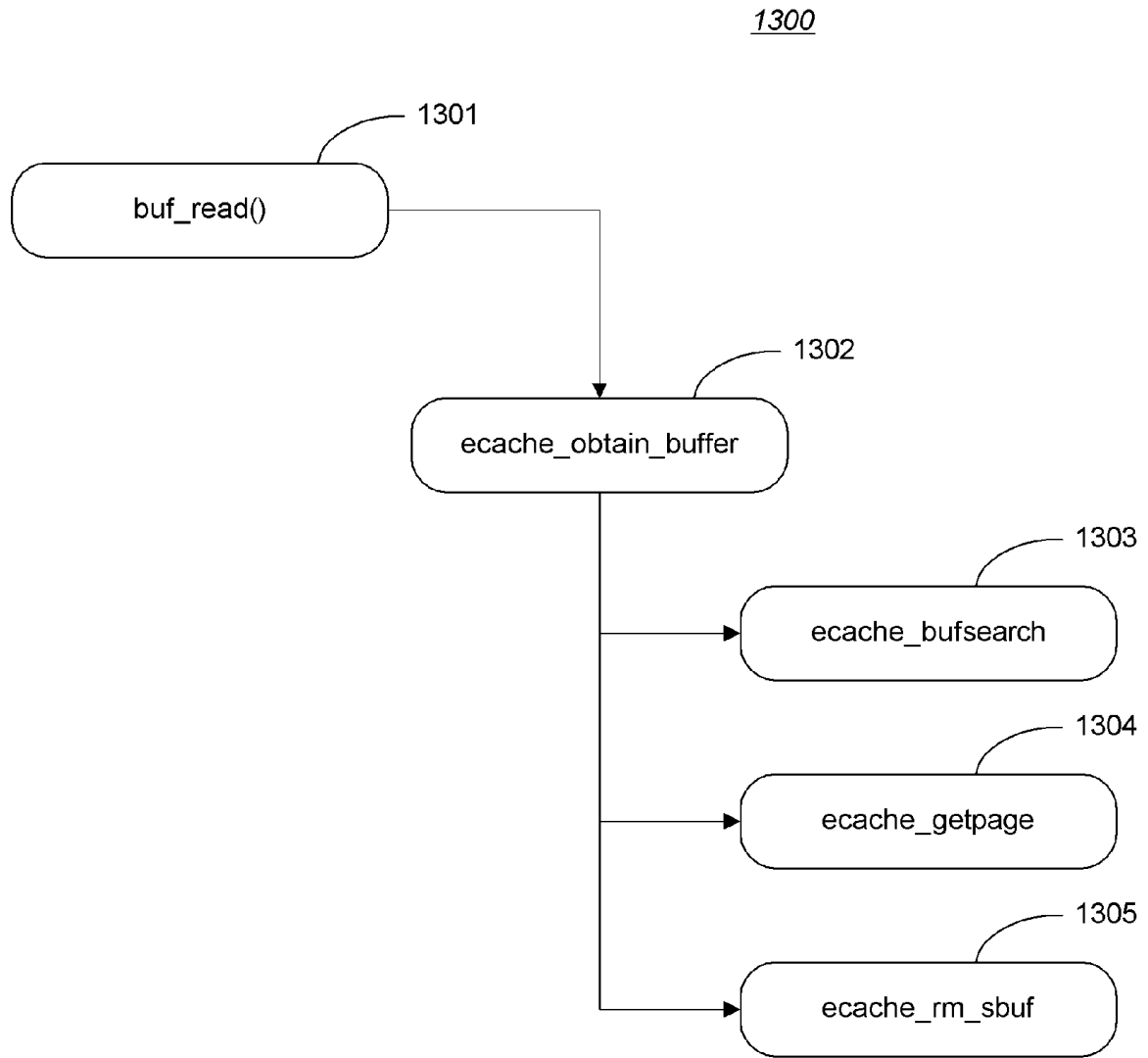
**FIG. 9A**

*FIG. 9B*

WASH MECHANISM IN SECONDARY CACHE**FIG. 10**

*FIG. 11*

1200**FIG. 12**

**FIG. 13**